DOCKET NO. 05-03-002   PATENT
CLIENT NO.: UGSC01-05017
Customer No. 34279

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of   :   Nilanjan Mukherjee

Application No.   :   10/716,386

Filed   :   November 18, 2003

For   :   SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT
                                 FOR SMOOTHING

Art Unit   :   2128

Examiner   :   Herng Der Day

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

The undersigned hereby certifies that the following documents:

1.   Postcard receipt;
2.   Information Disclosure Statement;
3.   Form PTO/SB/08B;
4.   Check in the amount of $180.00; and
5.   Eighteen (18) references

relating to the above application, were deposited as "First Class Mail" with the United States Postal
Service, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria,
VA 22313-1450, on April 12, 2007.

Date: 4/12/07

_____
Mailer

Date: 4/12/7

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Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits this statement.

This submittal is made in accordance with 37 C.F.R. §§ 1.97 and 1.98 and § 609 of the Manual of

Patent Examining Procedure. The references herein are listed below and on the attached

Form PTO/SB/08B. Copies of the listed references are submitted herewith.

Publications

Nina Amenta, "Optimal Point Placement for Mesh Smoothing," Journal of Algorithms 30, pp. 302-322, (1999).

Bala Balendran, "A Direct Smoothing Method For Surface Meshes," 5 pages, (1999).

Frank J. Bossen et al., "A Pliant Method for Anisotropic Mesh Generation," Computer Science Dept., Carnegie Mellon University, 12 pages, (1996).

Scott A. Canann et al., "An Approach to Combined Laplacian and Optimization-Based Smoothing for Triangular, Quadrilateral, and Quad-Dominant Meshes," ANSYS, Inc., 16 pages, (1998).

David A. Field, "Laplacian Smoothing and Delaunay Triangulations," Communications in Applied Numerical Methods, Vol. 4, pp. 709-712, (1988).

Lori Freitag et al., "An Efficient Parallel Algorithm for Mesh Smoothing," Computer Science Department, The University of Tennessee, pp. 47-58, (1995).

Lori A. Freitag et al., "A Comparison of Tetrahedral Mesh Improvement Techniques," Mathematics and Computer Science Division, Argonne National Laboratory, 14 pages, (1997).

Lori A. Freitag, "On Combining Laplacian and Optimization-Based Mesh Smoothing Techniques," Mathematics and Computer Science Division, Argonne National Laboratory, 7 pages, (1997).

Robert Haber et al., "A General Two-Dimensional, Graphical Finite Element Preprocessor Utilizing Discrete Transfinite Mappings," International Journal for Numerical Methods in Engineering, Vol. 17, pp. 1015-1044, (1981).

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C. K. Lee et al., "A New Scheme For The Generation of A Graded Quadrilateral Mesh," Computer & Structures, Vol. 52, No. 5, pp. 847-857, (1994).

V.N. Parthasarathy, "A Constrained Optimization Approach to Finite Element Mesh Smoothing," Finite Elements in Analysis and Design, 9, pp. 309-320, (1991).

Mark S. Shephard et al., "Automatic Three-Dimensional Mesh Generation by the Finite Octree Technique," International Journal for Numerical Methods in Engineering, Vol. 32, pp. 709-749 (1991).

T.K.H. Tam, "Finite Element Mesh Control By Integer Programming," International Journal for Numerical Methods in Engineering, Vol. 36, pp. 2581-2605 (1993).

Tian Zhou et al., "An Angle-Based Approach to Two-Dimensional Mesh Smoothing," Carnegie Mellon University, 6 pages, (2000).

Patrick M. Knupp, "Winslow Smoothing on Two-Dimensional Unstructured Meshes," 9 pages (1998).

Patrick M. Knupp, "Applications of Mesh Smoothing: Copy, Morph, and Sweep on Unstructured Quadrilateral Meshes," International Journal for Numerical Methods in Engineering, 45, pp. 37-45 (1999).

Lori A. Freitag et al., "The Effect of Mesh Quality on Solution Efficiency," 1 page.

Applicant hereby expressly reserves the right to swear behind the effective dates of any of the above Patents and to question the relevance and materiality of the Patents and Publications listed herein, in whole, in part, or in combination, subsequent to filing this Information Disclosure Statement.
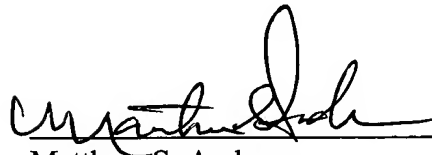
This Information Disclosure Statement is being transmitted after the mailing date of the first Office Action on the merits. Therefore, Applicant encloses a check in the amount of $180.00 for the Information Disclosure Statement filing fee.

Respectfully submitted,

MUNCK BUTRUS, P.C.

Date: _____4/12/7_____

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